

INTERNATIONAL SEARCH REPORT

International application No.
PCT/KR2004/002255**A. CLASSIFICATION OF SUBJECT MATTER****IPC7 A61K 35/78**

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)



A61K 35/78, A23L 1/29

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
KOREAN PATENTS AND APPLICATIONS FOR INVENTIONS SINCE 1975Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
PubMed on-line**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	JP 11-139979 A (NITTO DENKO CORP.), 25 May 1999 See entire document	1-5
Y	WANG, YL et al. 'Effects and mechanism of total saponins of Panax notoginseng on anti-inflammation and analgesia' In; Zhongguo Zhong Xi Yi Jie He Za Zhi, 1994; 14(1): 35-6, 5-6	1-5
Y	LI, SH et al. 'Anti-inflammatory effects of total saponins of Panax notoginseng' In; Zhongguo Yao Li Xue Bao, 1999; 20(6): 551-4	1-5
A	JP 10-087691 A (TEIKOKU SEIYAKU CO., LTD.), 07 April 1998 See abstract	1-5
A	JP 10-087692 A (TEIKOKU SEIYAKU CO., LTD.), 07 April 1998 See abstract	1-5
A	US 4,317,816 (OSAKA CHEMICAL LABORATORY CO., LTD.), 02 March 1982 See entire document	1-5
A	WEI, F et al. 'Effects of four herbal extracts on adjuvant-induced inflammation and hyperalgesia in rats' In; J. Altern. Complement Med., 1999; 5(5): 429-36	1-5

☒ Further documents are listed in the continuation of Box C.☒ See patent family annex.

- * Special categories of cited documents:
- "A" document defining the general state of the art which is not considered to be of particular relevance
 - "E" earlier application or patent but published on or after the international filing date
 - "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of citation or other special reason (as specified)
 - "O" document referring to an oral disclosure, use, exhibition or other means
 - "P" document published prior to the international filing date but later than the priority date claimed
 - "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
 - "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
 - "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
 - "&" document member of the same patent family

Date of the actual completion of the international search
20 DECEMBER 2004 (20.12.2004)Date of mailing of the international search report
23 DECEMBER 2004 (23.12.2004)Name and mailing address of the ISA/KR
 Korean Intellectual Property Office
920 Dunsan-dong, Seo-gu, Daejeon 302-701,
Republic of Korea
Facsimile No. 82-42-472-7140Authorized officer
YEO, Ho Sup
Telephone No. 82-42-481-5627


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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	LI, XY. 'Immunomodulating Chinese herbal medicines' In; Mem. Inst. Oswaldo Cruz. 1991; 86 Suppl 2: 159-64	1-5

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Box No. II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This international search report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☐ Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:
2. ☐ Claims Nos.:
because they relate to parts of the international application that do not comply with the prescribed requirements to such an extent that no meaningful international search can be carried out, specifically:
3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box No. III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

Claim 4 is directed to a pharmaceutical composition, and claim 5 is directed to a health food composition.

Although claims 4 and 5 are relevant to the composition comprising the same active ingredient, there is no technical relationship among a pharmaceutical composition and food composition.

Hence, the application contains the following separate groups of inventions not so linked as to form a single general inventive concept (PCT Rule 13.1) :

- i) Claim 4 and the parts relating to a pharmaceutical composition of claims 1-3
- ii) Claim 5 and the parts relating to a food composition of claims 1-3

1. ☐ As all required additional search fees were timely paid by the applicant, this international search report covers all searchable claims.
2. ☒ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any addition fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this international search report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this international search report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
☐ No protest accompanied the payment of additional search fees.

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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
JP 11-139979 A	25/05/1999	NONE	
JP 10-087691 A	07/04/1998	NONE	
JP 10-087692 A	07/04/1998	NONE	
US 4,317,816	02/03/1982	JP 63-052013 B4	17/10/1988
		GB 2056855 B	29/06/1983
		DE 3029363 A1	26/03/1981
		CH 0650153 A	15/07/1985